EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|--------|---|--|---------------------|---------|---------------------|
| S1 | 37 | ("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:19 |
| \$2 | 148116 | laser\$1 with process\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 16:02 |
| S3 | 5911 | S2 and irradiat\$3 same object\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:33 |
| S 5 | 662 | S3 and substrate\$1 same laminate\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:25 |
| S6 | 347067 | laser\$1 with light\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 16:04 |
| S7 | 662 | S5 andlaser\$1 with light\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 16:04 |
| S8 | 568 | S5 and laser\$1 with light\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 16:04 |
| S9 | 28 | S8 and ((light with converging) or(light-converging)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 16:06 |
| S10 | 14 | S9 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 16:07 |
| S11 | 148273 | laser\$1 with process\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 10:08 |

| S12 | 65021 | S11 and (cut\$3 or separate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 10:08 |
|------|--------|---|--|----|----|---------------------|
| S14 | 5425 | S12 and power with density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 10:10 |
| S15 | 1350 | S14 and pulse with width | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 10:10 |
| S16 | 681 | S15 and @Ad< "20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:05 |
| S17 | 97 | S16 and ((modified with region\$1) or (crack\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 10:13 |
| S20 | 67 | S17 and (distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 10:14 |
| S21 | 3 | "3,629,545".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 21:24 |
| \$22 | 37 | ("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:25 |
| S23 | 2 | S22 and laminate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:26 |
| S24 | 948871 | laser\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:27 |
| S25 | 166763 | S24 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:27 |

| S26 | 37586 | \$25 and irradiat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:28 |
|-----|--------|--|--|----|----|---------------------|
| S27 | 1656 | S26 and laminate same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:28 |
| S28 | 1477 | \$27 and light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:32 |
| S29 | 30 | S28 and (light-converging or light adj converg\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:33 |
| S30 | 8 | S29 and @ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:32 |
| S31 | 684 | S27 and @ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:32 |
| S32 | 613 | S31 and light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:34 |
| S33 | 253 | S31 and laser adj light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/30 19:34 |
| S34 | 3 | "3,629,545".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:14 |
| S35 | 3 | "3629545".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:14 |
| S36 | 964689 | laser\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:33 |
| S37 | 295749 | S36 and substrate\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:34 |
| S38 | 845 | S37 and (light-converging or light adj converging) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:35 |

| S39 | 223 | S38 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:42 |
|-----|-------|---------------------------|--|----|----|---------------------|
| S40 | 18 | S39 and power adj density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:42 |
| S41 | 18 | S40 and pulse adj width | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:43 |
| S42 | 35163 | S37 and irradiating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:42 |
| S43 | 1866 | S42 and power adj density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:43 |
| S44 | 533 | S43 and pulse adj width | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:43 |
| S45 | 510 | S44 and light\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:44 |
| S46 | 192 | S45 and @ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:47 |
| S47 | 27 | S46 and laminate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:49 |
| S48 | 10 | S47 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 21:50 |
| S49 | 3 | "3629545".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:45 |

| S 50 | 37 | ("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:49 |
|-------------|--------|---|--|----|----|---------------------|
| S51 | 7 | S50 and (Power adj density) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:49 |
| S52 | 2 | S51 and pulse adj width | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:49 |
| S53 | 967547 | laser\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:57 |
| S54 | 191185 | S53 and irradiat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:57 |
| S55 | 10031 | S54 and laminate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:58 |
| S56 | 130 | \$55 and light adj converg \$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:58 |
| S57 | 31 | S56 and power adj density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:59 |
| S58 | 12 | S57 and pulse adj width | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/14 17:59 |
| S59 | 3 | "3629545".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/16 09:47 |
| S60 | 3 | "3629545".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/16 10:19 |

| S61 | 4 | "3112850".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/16 10:19 |
|-----|---------|---|--|----|----|---------------------|
| S62 | 3208494 | cut\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/30 14:22 |
| S64 | 34613 | S62 and laser adj light\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/30 14:23 |
| S65 | 980843 | laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:05 |
| S66 | 980887 | laser\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:05 |
| S67 | 652864 | S65 and @Ad< "20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 21:24 |
| S68 | 180863 | S67 and (substrate\$1 or wafer\$s) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:07 |
| S69 | 29736 | S68 and laminat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:07 |
| S70 | 5874 | S69 and laser adj light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 21:25 |
| S71 | 132 | S70 and ((light adj converg \$3)or (light-converg\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:11 |
| S72 | 74 | S71 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:11 |
| S73 | 401479 | irradia\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:24 |
| S74 | 15509 | laser adj process\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:25 |

| S75 | 4800 | S74 and irradiat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:25 |
|-----|--------|--|--|----|----|---------------------|
| S76 | 1486 | S75 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:25 |
| S77 | 29 | S76 and (laminate same dispos\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:27 |
| S78 | 340 | S76 and ((laminate same dispos\$3)or (oxide adj film)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 18:27 |
| S79 | 1160 | 438/460.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 21:24 |
| S82 | 105997 | S80 and laser adj light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/08 21:25 |
| S83 | 2 | "5211805".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:20 |
| S84 | 1163 | 438/460.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:43 |
| S85 | 493 | S84 and @Ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:43 |
| S86 | 19 | S85 and laser adj light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:48 |
| S87 | 11 | S86 and semiconductor adj substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 16:00 |
| S88 | 7 | S87 and insulat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 16:02 |
| S89 | 493 | S84 and @Ad< "20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:56 |

| S90 | 983169 | laser\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:57 |
|------|--------|--|--|----|----|---------------------|
| S91 | 174907 | S90 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:57 |
| S92 | 39647 | S91 and irradiat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:57 |
| S93 | 1792 | \$92 and laminate same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:57 |
| S94 | 689 | \$93 and @ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 15:57 |
| S95 | 64 | S94 and semiconductor adj substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 16:02 |
| S96 | 64 | S95 and cut\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 16:02 |
| S97 | 60 | \$96 and insulat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/19 16:02 |
| S98 | 2 | "20020115235".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/15 17:09 |
| S99 | 1307 | 438/460.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/15 17:12 |
| S100 | 2 | "20020115235".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 06:51 |

| S101 | 37 | ("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:22 |
|------|--------|---|--|----|----|---------------------|
| S102 | 0 | S101 and (insulat\$3 adj (substrate wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:22 |
| S103 | 0 | S101 and (insulat\$3 same (substrate wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:22 |
| S104 | 105828 | (insulat\$3 adj (substrate wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:23 |
| S105 | 458 | (insulat\$3 adj (substrate wafer)) same (cut\$3 dic\$3 divid\$3) same laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:23 |
| S106 | 279 | S105 and @ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:24 |
| S107 | 47394 | S106 ((etch\$ grind\$3) same (chemical adj etch \$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:43 |
| S108 | 11 | S106 and ((etch\$ grind\$3) same (chemical adj etch \$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 07:44 |
| S109 | 13 | S106 and (refractive same index) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:00 |
| S110 | 1 | 10/507321 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:40 |
| S111 | 0 | S106 and (substrate same (piezoelectric "LiTaO. sub.3")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:51 |

| S112 | 0 | S106 and ((substrate wafer) same (piezoelectric or "LiTaO.sub.3")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:52 |
|------|-------|--|--|----|----|---------------------|
| S113 | 45785 | ((substrate wafer) same (piezoelectric or "LiTaO. sub.3")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:53 |
| S114 | 25710 | S113 and @ad<"20020312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:53 |
| S115 | 573 | S107 and S114 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:54 |
| S116 | 49 | S115 and (laser same cut \$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 08:55 |
| S117 | 765 | 257/E21.237.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/08/16 09:57 |

8/16/2008 3:15:23 PM

C:\ Documents and Settings\ eullah\ My Documents\ EAST\ Workspaces\ 10507392A.wsp